

## G. Arthur Cooper - Field notes, 1965

Extracted on Oct-09-2015 04:35:03

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## Montebello ss.

October 19

Locality 1 [[insertion]] 529 [[/insertion]] - Swope Mountain, on Pa. 645, 0.7 mile south of junction with Pa 443, about 1.5 miles south of Pine Grove, Pennsylvania. Oct. 19.

Locality 2 [[insertion]] 529a [[/insertion]] - Swope Mtn., just west of Pa 501, 0.6 mile S 9[[degree symbol]] W of junction Pa 501 and 895, 1.5 miles SSE of Pine Grove, Pa. Oct. 19.

Locality 3 = 529b.

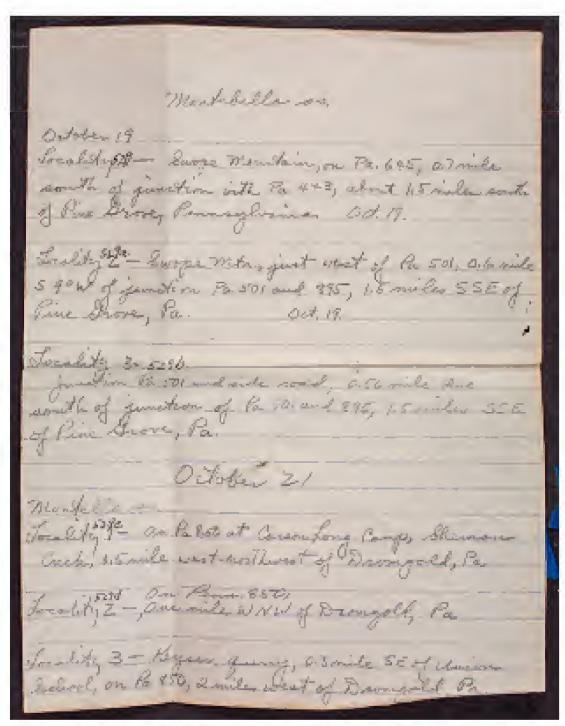
Junction Pa 501 and side road, 0.56 mile due south of junction of Pa 501 and 895, 1.5 miles SSE of Pine Grove, Pa.

October 21 Montebello ss.

Locality 1 [[insertion]] 529c [[/insertion]] - On Pa 850 at Carson Long Camp, Sherman Creek, 0.5 mile west-northwest of Dromgold, Pa

Locality 2 [[insertion]] 529d [[/insertion]] -, On Penn. 850, One mile WNW of Dromgold, Pa

Locality 3 - Keyser, quarry, 0.3 mile SE of Union School, on Pa 850, 2 miles west of Dromgold, Pa.



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[[left margin]] [[circled]] 1 [[/circled]] [[/left margin]]

Arial & Lucile Priest

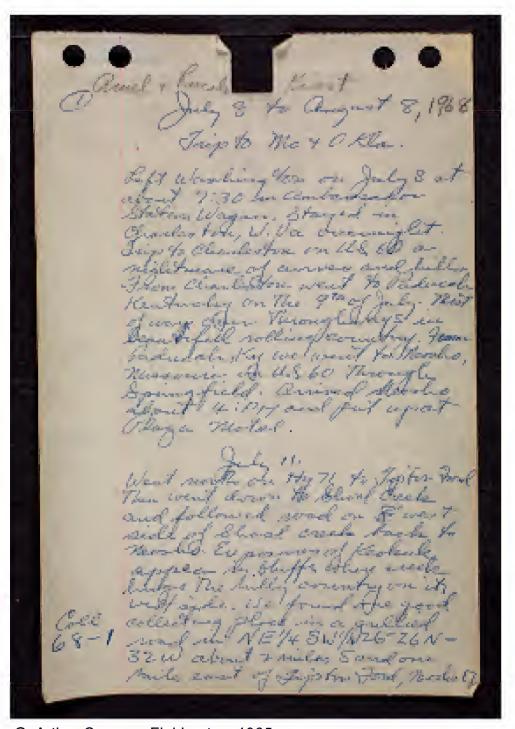
July 8 to August 8, 1968 Trip to Mo & Okla.

Left Washington on July 8 at about 9:30 in Ambassador Station Wagan. Stayed in Charleston, W. Va overnight.

Trip to Charleston on US 60 a nightmare of curves and hills. From Charleston went to Paducah Kentucky on The 9th of July. Most of way over throughways in beautiful rolling country. From Paducah, Ky we went to Neosho, Missouri on U.S. 60 Through Springfield. Arrived Neosho about 4:PM and put up at Plaza Motel.

[[left margin]] Coll. 68-1 [[/left margin]]

Went north on Hy 71 to Tipton Ford Then went down to Shoal Creek and followed road on [[strikethrough]] S [[/strikethrough]] west side of Shoal Creek back to Neosho. Exposures of Keokuk appear in bluffs where creek hugs the hilly country on its west side. We found one good collecting place in a gullied road in NE 1/4 SW 1/4 26-26N-32W about 2 miles S and one mile east of Tipton Ford, Neosho. [[square symbol]]



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## [[left margin]] [[circled]] 2 [[circled]] 68-2 [[/left margin]]

Large quarry in SW 1/4 7-25N-31N about 1 3/4 miles N of courthouse in Neosho. Can be reached by leaving US 60 at bend of road 3/4 mile N of Newtown

Limestone here medium gray, fine to coarse grained, general massive with [[strikethrough]] bands [[/strikethrough]] scattered bands of chert which contain the fossils.

Chert contains Orthotetes common, Ovatia c, Labriproductus c and Pseudosyriux fairly common.

[[left margin]] [[strikethrough]] W [[/strikethrough]] 68-3 [[/left margin]] July 12

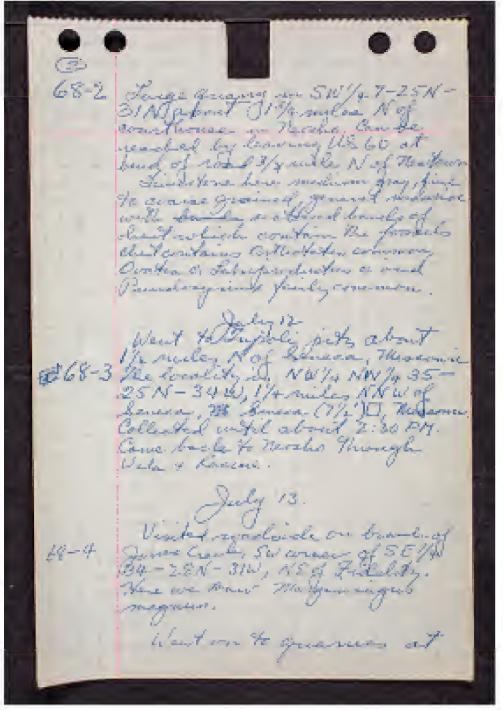
Went to Tripoli pits about 1 1/4 miles N of Seneca, Missouri The locality is NW 1/4 NW 1/4 35-25N-34W, 1 1/4 miles NNW of Seneca,[[strikethrough]] M [[/strikethrough]] Seneca (7 1/2') [[square symbol]], Missouri

Collected until about 2:30 PM. Came back to Neosho through Wela & Racine.

[[left margin]] 68-4 [[/left margin]] July 13.

Visited roadside on branch of Jones Creek, SW corner of SE 1/4 34-28N-31W, NE of Fidelity. Here we saw Marginirugus magnus.

Went on to quarries at



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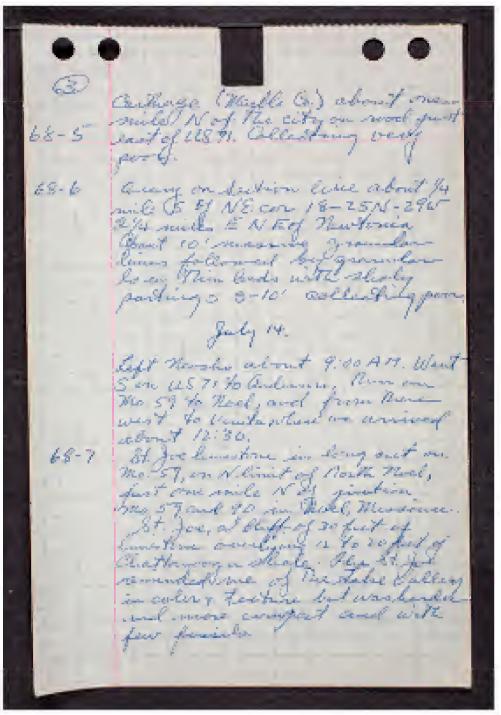
[[left margin]] [[circled]] 3 [[/circled]] 68-5 [[/left margin]]

Carthage (Marble Co.) about one mile N. of the city on road just east of US 71. Collecting very poor.

[[left margin]] 68-6 [[/left margin]]
Quarry on Section line about 1/4 mile S of NE cor 18 - 25N - 29W 2 1/4 miles ENE of Newtonia.
About 10' massive gramular lines followed by gramular Is in thin beds with shaly partings 8-10' Collecting poor.

July 14.

Left Neosho about 9:00 AM. Went S on US 71 to Anderson, then on Mo. 59 to Noel, and from there west to Vinita where we arrived about 12:30 [[left margin]] 68-7 [[/left margin]] St. Joe limestone in long cut on Mo. 59, on N limit of North Noel, just one mile N of juction Mo 59 and 90 in Noel, Missouri. St. Joe, a bluff of 30 feet of limestone overlying 12 to 20 feet of Chattanooga shale. The St. Joe reminded me of the Lake Valley in color & texture but was harder and more compact and with few fossils.



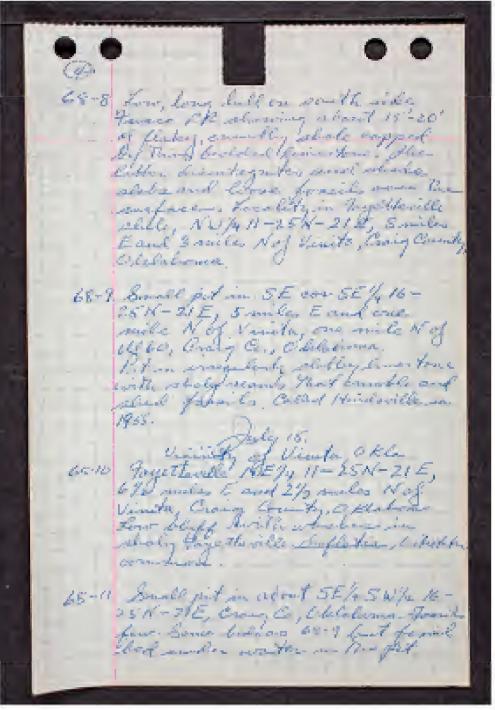
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[[left margin]] [[circled]] 4 [[/circled]] 68-8 [[/left margin]] Low, long hill on south side Frisco RR showing about 15' - 20' of flaky, crumbly shale capped by thin bedded limestone. The latter disintegrates and sheds slabs and loose fossils over the surface. Locality in Fayetteville shale, NW 1/4 11-25N-21E, 8 miles E and 3 miles N of Vinita, Craig County, Oklahoma.

[[left margin]] 68-9 [[/left margin]] Small pit in SE cor SE 1/4 16-25N-21E, 5 miles E and one miles N of Vinita, one mile N of US 60, Craig Co., Oklahoma. Pit in irregularly slabby limestone with shaly seams that crumble and shed fossils. Called Hindsville in 1955.

[[left margin]] 68-10 [[/left margin]]
July 15.
Vicinity of Vinita, Okla
Fayettevile NE 1/4 11-25N-21E, 6 1/2 miles E and 2 1/2 miles N of
Vinita, Craig County, Oklahoma
Low bluffs with washes in shaly Fayetteville. [[underlined]] Inflatia
[[/underlined]], Orthotetes common.

[[left margin]] 68-11 [[/left margin]] Small pit in about SE 1/4 SW 1/4 16-25N-21E, Craig Co, Oklahoma. Fossils few. Some beds as 68-9 but fossil bed under water in the pit.

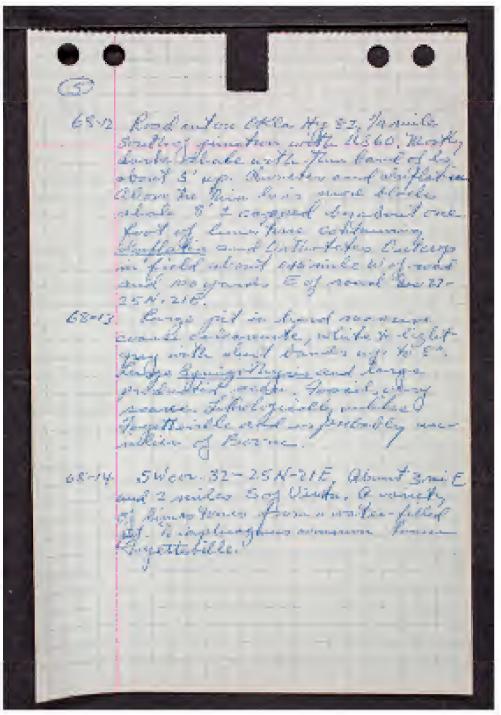


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[[left margin]] [[circled]] 5 [[/circled]] 68-12 [[/left margin]] Road cut on Okla Hy 82, 1/4 mile south of junction with US 60. Mostly dark shale with think band of Is about 5' up. Chonctes and Inflatia. Above the thin Is is more black shale 8' ± capped by about one foot of limestone containing [[underlined]] Inflatia [[/underlined]] and Orthotetes. Outcrop in field above 0.15 mile W of road and 100 yards E of road. Sec 27-25N-21E.

[[left margin]] 68-13 [[/left margin]]
Large pit in hard massive coarse calcarenite, white to light gray with short bands up to 8".
Large [[underlined]] Symigothyris [[/underlined]] and large productid seen. Fossils very scarce. Lithologically unlike Fayetteville and is probably an inlier of Boone.

[[left margin]] 68-14 [[/left margin]] SW cor. 32-25N-21E. About 3 mi E and 2 miles S of Vinita. A variety of limestones from a water-filled pit. Diaphragmus common. Lower Fayetteville.



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